

Dulux Precision Maximum Strength Adhesion Primer

NZ_DD02116

Part A	51WD0072
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Description

Dulux PRECISION Maximum Strength Adhesion Primer is specifically formulated to bond to a variety of 'tough to paint' surfaces which typically resist coatings. It provides a sound base for topcoats while reducing or potentially eliminating the need for sanding dense, glossy surfaces. With excellent adhesion properties, it is suitable as a primer, sealer and undercoat. Use Dulux PRECISION Maximum Strength Adhesion Primer where ensuring a secure bond is critical in situations when performance of a traditional oil or water based primer may be questionable. Suitable for interior & exterior applications.

- Features**
- Water Based
 - Low odour
 - Creates a strong bond for topcoats
 - Primes interior & exterior surfaces






- Benefits**
- Fast drying - touch dry 30min, re-coat 1 hr
 - Superior adhesion to glossy surfaces
 - Use under Dulux acrylic & oil based topcoats

Uses

Tiles
 High gloss enamels
 uPVC
 Fibreglass
 Aluminium
 Galvanized steel
 Colorsteel

Performance Guide

Weather	Excellent when used as part of an approved system	Salt	Resistant to intermittent exposure to salt as part of a suitable system. Not to be used as a primary corrosion resistant primer on reactive metals
Heat Resistance	Up to 100C. This material is permanently thermoplastic. Prolonged use at temperatures above 80C is not recommended	Water	Excellent resistance to condensation and water splash as part of a system
Solvent	Precision Maximum Strength Adhesion Primer is resistant to products containing Xylene and other "hot" solvents, provided it is allowed to dry for 24 hours before top-coating	Abrasion	Good when top coated Designed to be sandable
Acid	Resistant to intermittent exposure to mild acid as part of a suitable system	Alkali	Resistant to intermittent exposure to mild alkali as part of a suitable system

Typical Properties																											
Gloss Level	Flat	Thinner	Water																								
Colour	White - Tinting is not recommended	Components	1																								
Number Of Coats	1	Toxicity	Lead Free, Dry Film is non toxic																								
V.O.C. Level	100g/l	Shelf Life	2 years from date of manufacture																								
Meets GBCA VOC Requirement?	No	Sanding Properties	Sandable when dry - 2 hours																								
Touch Dry	30 Minutes																										
Clean Up	 Water																										
Application Method	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  Air Spray </div> <div style="text-align: center;">  Airless Spray </div> <div style="text-align: center;">  Brush </div> <div style="text-align: center;">  Roller </div> </div> <p>Other: Airless Spray:</p> <p style="margin-left: 40px;">Tip: 0.015" - 0.021" Filter: 60 Mesh Fluid Pressure: 2,500 - 3,200 psi</p> <p style="margin-left: 40px;">Roller: Smooth surfaces: 9-12mm Porous surfaces: 12- 19mm</p> <p style="margin-left: 40px;">Brush: Nylon/ Polyester Blend</p>																										
Application Conditions	<table border="0" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: right;">Solids By Volume</td> <td style="text-align: center;">42</td> <td></td> <td></td> </tr> <tr> <td></td> <td style="text-align: center;">Min</td> <td style="text-align: center;">Max</td> <td style="text-align: center;">Recommended</td> </tr> <tr> <td style="text-align: right;">Wet Film Per Coat (microns)</td> <td style="text-align: center;">100</td> <td style="text-align: center;">137</td> <td style="text-align: center;">100</td> </tr> <tr> <td style="text-align: right;">Dry Film Per Coat (microns)</td> <td style="text-align: center;">42</td> <td style="text-align: center;">58</td> <td style="text-align: center;">42</td> </tr> <tr> <td style="text-align: right;">Recoat Time (min)</td> <td style="text-align: center;">1 hour</td> <td style="text-align: center;">30 days</td> <td style="text-align: center;">2 hours</td> </tr> <tr> <td style="text-align: right;">Theoretical Spread Rate (m²/L)</td> <td style="text-align: center;">10</td> <td style="text-align: center;">7.24</td> <td style="text-align: center;">10</td> </tr> </table>			Solids By Volume	42				Min	Max	Recommended	Wet Film Per Coat (microns)	100	137	100	Dry Film Per Coat (microns)	42	58	42	Recoat Time (min)	1 hour	30 days	2 hours	Theoretical Spread Rate (m²/L)	10	7.24	10
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Typical Properties Notes	Vehicle: - Styrenated Acrylic Copolymer Weight Solids: - 58% (+/-) 2% Volume Solids: - 42% (+/-) 2% Weight per Litre (kg/l): 1.38 (+/-) 2 Viscosity: - Medium Fluid																										

Application Guide	
Surface Preparation	<ul style="list-style-type: none"> All surfaces must be clean, dry and free of oil, grease, mildew, wax, dust, flaky rust, mill scale, loose paint, chalk and other foreign matter that could interfere with adhesion. If washing is necessary, use a non-soapy detergent or Selleys® Sugar Soap, rinse well and allow to dry. While Precision Maximum Strength Adhesion Primer is formulated to bond without sanding, it is recommended that a small area be tested for adhesion prior to beginning the job. For best results a light sand with P400 to P600 wet and dry paper is recommended. <p>Peeling or Cracked Paint: Scrape off loose paint and sand to a smooth surface. Sanding or removal of paint containing lead is hazardous.</p> <p>Mould or Mildew Covered Surfaces: Wash the area with a mildew remover, rinse with water and allow to dry before priming.</p>
Application Procedure And Equipment	<ul style="list-style-type: none"> Eye protection is recommended. <p>Only apply if surface, air and product temperatures are between 10°C and 32°C.</p> <p>Apply using a brush, roller or spray. Brush – High quality Nylon/Polyester Roller – High quality 912mm nap on smooth surfaces or 1219mm nap on semi rough or porous surfaces. Airless spray – 0.015" 0.021" tip / 60 mesh filter @ 2,500 – 3,200 PSI</p> <p>For spray applications, a small amount of water (no more than 100mls per 1 Litre) may be added. Stir thoroughly before and occasionally during use.</p>

Health And Safety			
MSDS Number	DLXNZLEN001275	Using Safety Precautions	<p>If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126, New Zealand 0800 764 766).</p> <p>Inhalation: Remove victim from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.</p> <p>Skin contact: If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If swelling, redness, blistering or irritation occurs seek medical assistance.</p> <p>Eye contact: If in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a Doctor; or for at least 15 minutes and transport to Doctor or Hospital.</p> <p>Ingestion: Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Never give anything by the mouth to an unconscious patient. If vomiting occurs give further water. Seek medical advice.</p> <p>PPE for First Aiders: Wear overalls, safety glasses and impervious gloves. Use with adequate ventilation. If inhalation risk exists wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.</p> <p>Notes to physician: Treat symptomatically.</p>
MSDS Link	https://go.lupinsys.com/duluxgroup/harms/pm/8a6760f6287660badc4e8e96443a74cb-published/attachment/nz-sds.pdf		
Health Effects	<p>No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:</p> <p>Acute Effects</p> <p>Inhalation: Material is an irritant to mucous membranes and respiratory tract.</p> <p>Skin contact: Contact with skin may result in irritation. Will have a degreasing action on the skin. Repeated or prolonged skin contact may lead to irritant contact dermatitis.</p> <p>Ingestion: Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract.</p> <p>Eye contact: A moderate eye irritant</p>	Flammability	Non-combustible material.
Personal	<p>Keep away from food, drink and animal feeding stuffs. Wash hands prior to eating, drinking or smoking. Avoid skin and eye contact and inhalation of vapour, mist or aerosols. Ensure that eyewash stations and safety showers are close to the workstation location.</p>	Fire Suppression	<p>Hazchem Code: Not applicable.</p> <p>Suitable extinguishing media: Not combustible, however, if material is involved in a fire use water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder).</p>
Protective Equipment	<p>H: OVERALLS, SAFETY SHOES, CHEMICAL GOGGLES, GLOVES, RESPIRATOR.</p> <p>Wear overalls, chemical goggles and impervious gloves. Use with adequate ventilation. If inhalation risk exists wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716. Available information suggests that gloves made from butyl</p>	Storage	<p>Storage: Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from foodstuffs. Store away from incompatible materials - Acids, alkalis and oxidising agents. Keep containers closed when not in use - check regularly for leaks.</p>

	rubber/leather/natural rubber/neoprene/nitrile rubber/polyethylene/polyvinyl alcohol (PVA)/polyvinyl chloride (PVC)/teflon should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.		
Disposal	If possible material and its container should be recycled. If material or container cannot be recycled, dispose in accordance with local, regional, national and international Regulations. Unused paint: Do not pour leftover paint down the drain. Unwanted paint should be brushed out on newspaper and allowed to dry, and then disposed of via domestic waste collections. Empty paint containers: Should be left open in a well-ventilated area to dry out. When dry, recycle the container via steel can recycling programs. Disposal of empty paint containers via domestic recycling programs may differ between local authorities. Check with your local council first. DO NOT REUSE CONTAINER	Handling	Avoid skin and eye contact and inhalation of vapour, mist or aerosols.

In the case of emergency, please call 0800 734 607

Precautions And Limitations

DO NOT USE ON FLOORS, BENCHTOPS OR AREAS SUBJECT TO PONDING WATER KEEP FROM FREEZING

All preparation and painting must conform to AS/NZS 2311:2009 Guide to the painting of buildings. NB: This Standard provides a guide to products and procedures for the painting of buildings for general domestic, commercial and industrial use. The Standard does not include a specific recommendation for the long-term protection of iron or steel exposed directly to the atmosphere or to internal climates likely to have aggressive environments which are dealt with in AS/NZS 2312.

Only apply if surface, air and product temperatures are between 10°C and 32°C.
 Do not apply if the surface temperature is below 10C or conditions indicate it will fall below10C during the drying period.
 For difficult surface priming applications do not tint
 For difficult surface priming applications do not thin unless absolutely necessary. Maximum addition of 100 mls per 1 Litre
 Finishing: Topcoat within 30 days to prevent contamination of the primer before painting.

Precision Maximum Strength Adhesion Primer can be used where ensuring a secure bond is critical in situations

Transport And Storage

Pack A	51WD0072	Shipment Name	Not classified as a Dangerous Good under NZS 5433:2012
Size	Weight		
1L	1.79 Kg		
4 L	6.02 Kg		
Flash Point	NA	UN Number	NA
Dangerous Goods Class	Not classified as a Dangerous Good under NZS 5433:2012	Package Group	NA

Images



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